



NATIONAL
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KENTUCKY WEEKLY CROP & WEATHER REPORT



In Cooperation with:
Univ. of Ky - Agr'l Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

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5-11

AGRICULTURAL NEWS: For the week ending May 1, residents of the Commonwealth once again dealt with extremely wet conditions accompanied by occasional severe weather. There have been very few breaks in the rain and flooding has continued to be a concern. While excessive precipitation has been the overlying problem, many Kentuckians have had to deal with damage resulting from storms and high wind. Ground saturation continues to be a deterrent on days when the precipitation ceases. Temperatures averaged 63 degrees, 4 degrees above normal and 2 degrees below last week's average. Overall rainfall for the time period averaged 3.89 inches, 2.83 inches above normal. Regionally, the West had the highest average at 6.32 inches while eastern Kentucky had the lowest average at 2.26 inches. **Topsoil moisture** was rated 14 percent adequate, and 86 percent surplus. **Subsoil moisture** was rated 25 percent adequate, and 75 percent surplus. Days suitable for fieldwork averaged 1.0 out of a possible seven, with very limited activities reported due to wet conditions.

TOBACCO: Tobacco seeding is finished at this point in the season, and as a result focus has now shifted to plant progress. The majority of plants, 41 percent, were less than 2 inches in stature. Plants in the 2-4 inch range were rated at 39 percent. The remaining plants, at 20 percent, were larger than 4 inches.

ROW CROPS: Planting of **corn** has continued to lag behind due to the seemingly nonstop rain and resulting saturated fields. Progress is significantly behind where it is traditionally by this point in the season. Planting progress matched last week's report of 17 percent, compared to 82 percent last year and 59 percent for the five year average. Corn emergence was reported at 7 percent, well behind 56 percent last year and 31 percent for the five year average. Farmers who intend to plant **soybeans**

are facing the same weather troubles. There were no plantings reported for this period. At this time last year, 6 percent was in the ground while the five year average is 4 percent.

SMALL GRAINS: The condition of Winter **wheat** was reported as 1 percent very poor, 2 percent poor, 27 percent fair, 56 percent good, and 14 percent excellent. Winter wheat headed was 45 percent, ahead of both last year at 20 percent and the five year average of 30 percent. Some of the wheat crop has been damaged by flooding.

OTHER CROPS AND PASTURE: The **hay** crop condition has been reported as 2 percent very poor, 5 percent poor, 26 percent fair, 51 percent good, and 16 percent excellent. **Pasture** condition was 1 percent very poor, 5 percent poor, 25 percent fair, 48 percent good, and 21 percent excellent.

CROP PROGRESS for week ending 05/01/11

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
Percent				
Corn Planted	17	17	82	59
Corn Emerged	7	5	56	31
Wheat Headed	45	18	20	30
Soybeans Planted	0	NA	6	4

SOIL MOISTURE for week ending 05/01/11

	Very Short	Short	Adequate	Surplus
Percent				
Topsoil	0	0	14	86
Subsoil	0	0	25	75

CROP CONDITIONS for week ending 05/01/11

Crop	Very Poor	Poor	Fair	Good	Ex
Percent					
Wheat	1	2	27	56	14
Pasture	1	5	25	48	21
Hay Crops	2	5	26	51	16

KENTUCKY WEATHER SUMMARY, APRIL 25 – MAY 1, 2011:

Above Normal Temperature and Above Normal Rainfall:

For the 4th week in a row the Commonwealth received above normal rainfall, and for the 3rd week in a row received over 3 inches of rainfall. This past week was the wettest week thus far this year for the state. Western parts of the state, especially along the Ohio River, received the most rainfall. This caused widespread flooding and even caused the Ohio River at the station in Cairo to rise above the record stage set back in 1937. Along with the heavy rainfall there was also widespread severe weather across the state. Temperatures were also above normal as the southerly flow not only kept the state wet, but also warmer than normal.

Temperatures for the period averaged 63 degrees across the state which was 4 degrees warmer than normal and 2 degrees cooler than the previous period. High temperatures averaged from 71 in the West to 74 in the East. Departure from normal high temperatures ranged from 2 degrees cooler than normal in the West to 2 degrees warmer than normal in the East. Low temperatures averaged from 55 degrees in the West to 54 degrees in the East. Departure from normal low temperature ranged from 5 degrees warmer than normal in the West to 10 degrees warmer than normal in the East. The extreme high temperature for the period was 88 degrees at Pikeville and the extreme low was 38 degrees at Whitley City.

Rainfall for the period totaled 3.89 inches statewide which was 2.83 inches above normal and 366% of normal. Rainfall totals by climate division, West 6.32 inches, Central 4.34 inches, Bluegrass 2.62 inches and East 2.26 inches, which was 5.12, 3.26, 1.64 and 1.27 inches above normal. By station, rainfall totals ranged from a low of 1.30 inches at Hindman to a high of 12.74 inches at Poplar Bluff.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL

FOR WEEK ENDING SUNDAY, MAY 1, 7:00 P.M.

Weather Station	Rainfall			Deviation From		Air Temperature				Growing Degree Days		
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly. Avg.	Dev. From Norm	Last Week	Since Apr. 1	Dev. Since Apr. 1
		(Inches)										
Bardstown	4.36	15.66	15.64	+11.64	+12.00	76	42	62.6	+2	91	371	+56
Berea	2.91	10.53	10.46	+6.11	+6.47	79	43	62.9	+3	94	366	+50
Bowling Green	4.30	11.12	11.12	+6.64	+7.07	80	46	65.0	+4	107	433	+117
Bristol	1.31	4.66	4.55	+1.23	+1.45	85	41	64.1	+5	105	400	+116
Buckhorn Lake	2.18	9.10	9.03	+5.22	+5.52	82	40	62.4	+3	91	362	+78
Cape Girardeau	11.42	22.20	22.20	+17.60	+18.05	75	47	61.7	-1	82	372	+55
Campbellsville	2.81	13.73	13.69	+8.82	+9.26	78	45	62.7	+2	94	370	+54
Covington	2.48	13.62	13.35	+9.73	+9.84	75	44	61.4	+2	86	302	+48
Cumberland Gap	2.52	8.60	8.42	+4.36	+4.59	84	40	63.9	+4	103	404	+120
Dix Dam	3.19	13.46	13.44	+9.09	+9.49	79	45	62.5	+3	92	353	+38
Evansville	4.02	12.96	12.96	+8.79	+9.19	77	44	62.4	-1	89	374	+88
Glasgow	3.85	10.80	10.77	+6.09	+6.51	79	45	63.4	+3	97	397	+141
Grayson	2.26	12.80	12.74	+9.03	+9.34	81	40	62.5	+3	92	348	+95
Hardinsburg	6.62	17.75	17.75	+13.28	+13.71	75	42	62.0	+1	88	373	+57
Henderson	4.11	14.70	14.70	+10.29	+10.72	78	46	62.6	-0	89	386	+70
Huntington	1.48	10.13	9.98	+6.39	+6.60	85	38	63.6	+4	100	394	+110
Jackson	2.55	10.83	10.57	+6.59	+6.74	85	46	64.4	+5	102	399	+115
Lexington	2.58	12.84	12.61	+8.82	+8.97	78	45	62.1	+3	89	330	+76
London	3.43	10.51	10.45	+6.45	+6.78	84	45	63.6	+4	98	390	+106
Louisville	4.57	14.66	14.60	+10.28	+10.64	79	47	65.3	+4	107	419	+133
Mayfield	6.60	15.54	15.54	+10.33	+10.83	79	44	63.1	+0	96	424	+77
Nashville	3.38	8.22	8.22	+3.69	+4.13	83	49	65.5	+5	108	409	+62
Nolin Lake	6.39	17.52	17.52	+12.81	+13.27	76	44	62.1	+1	89	369	+54
Paducah	7.39	18.01	18.01	+12.84	+13.34	76	45	62.4	-1	88	413	+96
Princeton	6.59	17.68	17.68	+12.72	+13.20	77	45	62.7	-0	93	403	+57
Quicksand	2.53	11.94	11.67	+7.70	+7.84	86	42	64.3	+5	106	393	+109
Somerset	2.96	10.18	10.10	+5.67	+6.02	78	42	62.1	+2	91	380	+65
Spindletop	2.58	12.50	12.44	+8.48	+8.80	78	44	61.8	+2	89	325	+71
Williamstown	2.07	13.42	13.29	+9.13	+9.41	76	44	61.4	+2	86	319	+65

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>